Mintern Bros. imp.

1 BUARREMON BARONI Salvin

2 „ RUFIGENIS Salvin

NOVITATES ZOOLOGICAE.

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ON BIRDS COLLECTED IN PERU BY MR. O. T. BARON.

By OSBERT SALVIN, M.A., F.R.S., Etc.

(Plates I. and II.)

DURING the past summer Mr. Baron, who is now travelling in Peru, sent to Mr. Godman and myself his first collection of birds made during the first half of the year 1894 in Northern Peru. Shortly afterwards Mr. Rothschild received a series of birds from the same collection, and the present paper is intended to give some account of the two sets of skins.

Mr. Baron has not yet sent us any account of the places he visited, but as every specimen is carefully labelled with the place, altitude, and date where and when it was secured, we can trace the route he followed.

He landed at the port of Trujillo. In December 1893 he was at Tembladera (altitude 1,200 feet), and at San Pablo (7,500 feet).

January 1894 he spent at Cajabamba and its vicinity (8,000 to 9,000 feet), Huamachuco (10,400 feet), and Cajamarca (9,300 to 11,000 feet). During February he remained at Huamachuco and its vicinity (5,500 to 10,400 feet). In March he was at Huamachuco; in April at Huamachuco, and again at Cajabamba; in May at Cajamarca, and again at Tembladera on his way to the coast.

It will thus be seen that most of the time was spent in the western range of the Andes at various elevations ranging from about 5,500 feet to 11,000 feet above the sea. The principal places mentioned are on the eastern slope of the western range, the river drainage running into the Marañon.

The collection itself is of great interest, containing as it does many novelties. This is the more surprising as the district hunted over immediately adjoins that so successfully investigated by Stolzmann. The result shows that the wonderful ornithological fauna of Peru is by no means exhausted, and that every range of hills and every valley of that varied country is likely to reward the enterprising naturalist with strange and unexpected novelties.

In preparing this paper I have been most kindly aided by Count Berlepsch, who has of late years industriously studied the ornithology of Peru. My questions he has answered with his usual care, and he has examined a number of specimens upon which I asked his judgment.

The species described as new are as follows:—

1. Basileuterus nigrivertex.
2. Buarremon baroni.
3. ,, rufigenis.
4. Poospiza alticola.
5. ,, rubecula.
6. Haemophila lacta.
7. ,, personata.
8. Pachyrhamphus similis.
9. Siptornis baroni.
10. ,, hypochondriacus.
11. Phacelodomus dorsalis.
12. Scytalopus unicolor.
13. Oreotrochilus stolzmanni.
14. Psittacula xanthops.
15. Columba oenops.
16. Leptoptila decolor.

Besides these a few others remain to be determined more satisfactorily on another occasion.

Specimens of all the species are in our collection. The species to which the number has an asterisk prefixed are also represented in Mr. Rothschild's Museum.

1. Catharus fuscater (Lafr.).

Tacz., *Orn. Pér.*, i., p. 483.

♂. Cajabamba (9,000 feet), January.

♂. Suecha, Huamachuco (9,000 feet), February.

These specimens agree with the pale-breasted bird of Ecuador. The bills are all dull coral-red.

2. Turdus marañonicus Tacz.

Orn. Pér., i., p. 488.

♂, ♀. ♀ juv. Vina, Huamachuco (5,500 feet), February, March.

3. Turdus chiguanco d'Orb.

Merula chiguanco Tacz., *Orn. Pér.*, i., p. 494.

♂. Cajamarca (9,000 feet), January.

A specimen in abraded plumage.

4. Mimus longicaudatus Tsch.

Tacz., *Orn. Pér.*, i., p. 498; Berl. & Stolzm., *P. Z. S.*, 1892, p. 373.

♀. Vina, Huamachuco (5,500 feet), March.

5. Cinclus leucocephalus Tsch.

Tacz., *Orn. Pér.*, i., p. 501.

♀. Huamachuco (10,400 feet), February.

*6. Campylorhynchus fasciatus (Sw.).

Tacz., *Orn. Pér.*, i., p. 505.

♂ ♀. Vina, Huamachuco (5,500 feet), March.

♂ ♀. Malca, Cajabamba (8,000 feet), 27th April.

These specimens are heavily marked on the under surface, and belong to this species rather than to the allied *C. balteatus*.

7. Troglodytes musculus Naum.

Berl. & Stolzm., *P. Z. S.*, 1892, p. 373.

Troglodytes audax Tsch.; Tacz., *Orn. Pér.*, i., p. 525 (?).

— Cajamarca (9,250 feet).

♂ ♀. Cajabamba (9,000 feet), January.

♂. Malca, Cajabamba (8,000 feet), 18th April.

*8. Polioptila bilineata (Bp.).

Sharpe, *Cat. Birds B. M.*, x., p. 452.

Polioptila albiloris Tacz., *Orn. Pér.*, i., p. 452.

— Cajabamba (9,000 feet), January.

♂ (but marked ♀). Cajabamba (9,000 feet), January.

These specimens are rather darker on the back than others from more northern localities, but do not appear to differ in other respects.

*9. Polioptila nigriceps Baird.

Tacz., *Orn. Pér.*, i., p. 453 ; Sharpe, *Cat. Birds B. M.*, x., p. 447.

♂. Cajabamba (9,000 feet), January.

Also differs from the true *P. nigriceps* in having the back of a darker shade of grey.

It is somewhat significant that these two supposed species of *Polioptila* should be found together at the same time of year in the same place, and that both should differ from their respective types in the same way.

*10. Anthus bogotensis Scl.

Tacz., *Orn. Pér.*, i., p. 457.

♂. Cajamarca (11,000 feet), January.

♂. Huamachuco (10,400 feet), 24th and 26th March.

11. Geothlypis peruviana.

Geothlypis aequinoctialis peruviana Tacz., *Orn. Pér.*, i., p. 471.

♂. Suecha, Huamachuco (9,000 feet), February.

♂. Chusgon, Huamachuco (8,500 feet), February.

Mr. Sharpe (*Cat. Birds B. M.*, x., p. 361) placed this bird with *G. auricularis* Salv., but there are several points of difference. These have been indicated by Berlepsch and Stolzmann (*P. Z. S.*, 1892, p. 374) in comparing specimens from Lima (*G. auricularis*) with others from Callacate (*G. ae. peruviana*). Mr. Baron's specimens seem to agree with the latter.

*12. Basileuterus nigrivertex sp. nov.

B. nigricristato affinis sed supra clare olivaceus oleagineo vix tinctus, corpore subtus pallidiore flavo, mento albido, mandibula nigricante, pedibus obscurioribus, cauda longiore differt. Long. tota circa 5·75, alae 2·6, caudae 2·6, tarsi 0·9.

♂ ♀. Cajabamba (9,000 feet), January.

♂. Suecha, Huamachuco (9,000 feet), February.

♀. Huamachuco (10,000 feet), February.

Several small points of difference separate this bird from the true *B. nigricristatus* of Colombia and Ecuador, rendering a distinct name necessary.

*13. Cyclorhis contrerasi Tacz.

Tacz., *Orn. Pér.*, i., p. 450.

♂ ♀. Cajabamba (9,000 feet), January, February, April.

♂ ♀. Suecha, Huamachuco (9,000 feet), February.

"Eyes orange."

These specimens agree with one of Stolzmann's in the British Museum from N. Peru. All of them have the feathers of the middle of the crown green at the base and edged with chestnut, producing an occipital patch contrasting with the line of pure chestnut which runs round from the forehead over the eyes and meets on the nape. The true *C. contrerasi* is described and figured as having the whole summit of the head dark chestnut. The middle of the abdomen is strongly suffused with fulvous. Count Berlepsch, who has seen one of these specimens, thinks it not separable from *C. contrerasi*.

14. Atticora cyanoleuca (Vieill.).

Tacz., *Orn. Pér.*, i., p. 244 ; Sharpe, *Cat. Birds B. M.*, x., p. 186.
♂. Cajabamba (9,000 feet), January.

15. Atticora cinerea (Gm.).

Tacz., *Orn. Pér.*, i., p. 243 ; Sharpe, *Cat. Birds B. M.*, x., p. 184.
♂. Cajabamba (9,000 feet), January.
♀. Near Cajamarca (10,000 feet), 9th May.

*16. Diglossa brunneiventris Lafr.

Tacz., *Orn. Pér.*, i., p. 420.
♂. Cajamarca (11,000 feet), January.
♂. ♂ juv., ♀. Cajabamba (9,000 feet), January, April.
♂ juv. Huamachuco (10,400 feet), March.
"Eyes brown."

*17. Diglossa sittoides (d'Orb. & Lafr.).

Tacz., *Orn. Pér.*, i., p. 417.
♂ ♀. Cajabamba (9,000 feet), January.
♀. Succha, Huamachuco (9,000 feet), February.

18. Conirostrum cinereum (d'Orb. & Lafr.).

Tacz., *Orn. Pér.*, i., p. 425.
♂ ♀. Cajabamba (9,000 feet), January.
♀. Chusgon, Huamachuco (8,500 feet), February.
♂. Huamachuco (10,400 feet), February, March.

*19. Certhiola mexicana Scl.

Cat. Birds B. M., xi., p. 38.
Certhiola peruviana Tacz., *Orn. Pér.*, i., p. 439.
♀. Cajamarca (9,200 feet).
♂ ♀. Cajabamba (8,000 and 9,000 feet), April.
♂. Vina, Huamachuco (5,500 feet), February, March.

Mr. Sclater unites *C. peruviana* with *C. mexicana*. The only difference between them that I can trace is the smallness of the white wing-spot in the Peruvian birds, but this character is somewhat variable even in the specimens before me.

20. Euphonia taczanowskii.

Euphonia chlorotica subsp. *taczanowskii* Scl., *Cat. Birds B. M.*, xi., p. 64.
Euphonia serrirostris Tacz., *Orn. Pér.*, ii., p. 440.
♂ ♀. Malca, Cajabamba (8,000 feet), April.

This bird seems fairly separable from the typical *E. chlorotica* of Guiana, for not only does the *male* differ in the pale tint of the yellow portion of the plumage and in the shade of the purple of the back and throat, but the *female* has the whole of the central portion of the under surface pale grey uninterrupted by an olive-green pectoral band.

21. Tanagra caelestis Spix.

Taez., *Orn. Pér.*, ii., p. 485.

♂ ♀. Vina, Huamachuco (5,500 feet), March.

*22. Tanagra darwini Bp.

Taez., *Orn. Pér.*, ii., p. 488.

♂ ♀. Cajamarca (9,300 feet, 10,000 feet), December, January.

♂. Cajabamba (9,000 feet), January.

♂, ♀, ♂ juv. Huamachuco (10,400 feet), February, March.

"Eyes red."

*23. Pyranga tschudii.

Pyranga testacea tschudii Berl. & Stolzm., *P. Z. S.*, 1892, p. 375.

Pyranga azarae Taez., *Orn. Pér.*, ii., p. 495.

♂ ♀. Cajabamba (9,000 feet), January.

♂ ♀. Chusgon, Huamachuco (8,500), February.

♂ ♀. Suecha, Huamachuco (9,000 feet), February.

♂. Vina, Huamachuco (5,500 feet), March.

This Peruvian form of *P. testacea* is readily distinguished from the typical bird by the brighter red of the *male* and the clearer yellow of the *female*. Count Berlepsch, to whom I submitted a *male* specimen, says that it is rather more rosy in tint than examples from Chirimoto and the wing longer, but he had no specimens at hand from Lima, whence his types of *P. t. tschudii* were sent.

*24. Buarremon baroni sp. nov.

(Plate I., fig. 1.)

Supra fusco-schistaceus, alis et cauda nigricantibus extrorsum schistaceo limbatis, capite medio supra pallide castaneo (ad frontem saturatiore ad nucham pallidiore), capitis lateribus nigris, loris flavis; corpore toto subtus flavido, hypochondriis olivaceis, stria angusta mystacali nigra; rostro nigro, pedibus corylinis. Long. tota circa 6·5, alae 3·0, caudae 3·2, rostri a rictu 0·6, tarsi 1·15.

♀ mari similis.

♂ ♀. Cajabamba (9,000 feet), January, March.

♂. Huamachuco (10,400 feet), 25th March.

Allied to *B. comptus* and *B. tricolor*, but differs from both, *inter alia*, in the colour of the top of the head, which is pale chestnut on the forehead and gradually passes into pale drab on the nape of the neck. There is also a black line from either side of the mouth, which passes down the sides of the throat.

Mr. Baron obtained several specimens of this distinct species at Cajabamba and elsewhere.

*25. Buarremon rufigenis sp. nov.

(Plate I., fig. 2.)

Supra schistaceus, alis et cauda nigricantibus schistaceo limbatis, pileo toto nucha et capitis lateribus rufis, loris albidis; subtus albus, pectoris lateribus, hypochondriis et tectricibus subcaudalibus schistaceo lavatis, stria mystacali utrinque nigricante; rostro nigro, pedibus corylinis. Long. tota circa 7·3, alae 3·3, caudae 3·4, rostri a rictu 0·6, tarsi 1·1.

♀ mari similis.

♂, ♂ juv., ♀. Huamachuco (10,400 feet), February, March.

♂. Cajabamba (11,000 feet), 2nd April.

This bird has no near allies in the genus *Buarremon*, nor does it fall into any of the sections suggested by Mr. Sclater (*Cat. Birds B. M.*, xi., p. 255), for though the sides of the head as well as the crown are rufous or chestnut as in *B. semirufus* (Section E), the general appearance of the bird with its whitish under surface and other characters at once indicate that there can be no real affinity with that bird.

Mr. Baron obtained several specimens of this interesting bird at a high elevation near Huamachuco.

26. **Saltator laticlavius** Scl. & Salv.

Tacz., *Orn. Per.*, ii., p. 545.

♂ ♀. Cajabamba (9,000 feet), January.

*27. **Saltator albicollis** Vieill.

Tacz., *Orn. Pér.*, ii., p. 542 (pt.).

♂ ♀. Vina, Huamachuco (5,500 feet), February, March.

♂ juv. Malea, Cajabamba (8,000 feet), 15th April.

All these specimens are heavily spotted on the under surface, and must therefore be quite distinct from the bird from Lima recently described by Berlepsch and Stolzmann as *S. immaculatus* (*P. Z. S.*, 1892, p. 375).

*28. **Pheucticus chrysogaster** Less.

Tacz., *Orn. Pér.*, iii., p. 3.

♂ ♀. Cajabamba (9,000 feet), January.

♂. Chusgon, Huamachuco (8,500 feet), February.

♂. Malea, Cajabamba (8,000 feet), 15th April.

29. **Spermophila obscura** Tacz.

Orn. Pér., iii., p. 17 ; Sharpe, *Cat. Birds B. M.*, xii., p. 101.

♂. Vina, Huamachuco (5,500 feet), February, March.

30. **Spermophila gutturalis** (Licht.).

Tacz., *Orn. Pér.*, iii., p. 13 ; Sharpe, *Cat. Birds B. M.*, xii., p. 128.

♂. Malea, Cajabamba (8,000 feet), April.

*31. **Spermophila luctuosa** Lafr.

Tacz., *Orn. Pér.*, iii., p. 10 ; Sharpe, *Cat. Birds B. M.*, xii., p. 135.

♂. Succha, Huamachuco (9,000 feet), March.

♂. Vina, Huamachuco (5,500 feet), March.

♂. Cajabamba (9,000 feet), April.

32. **Catamenia analoides** (Lafr.).

Tacz., *Orn. Pér.*, iii., p. 20.

Spermophila analoides Sharpe, *Cat. Birds B. M.*, xii., p. 107.

♂ ♀. Cajamarca (9,300 feet).

♂ ♀. Cajabamba (9,500 feet), April.

♂. No label.

33. **Catamenia inornata** (Lafr.).

Catamenia rufirostris (Landb.) Tacz., *Orn. Pér.*, iii., p. 21.
Spermophila inornata Sharpe, *Cat. Birds B. M.*, xii., p. 104.
♂. Huamachuco (10,400 feet), February.

*34. **Volatinia jacarina** (L.).

Tacz., *Orn. Pér.*, iii., p. 25.
♂ ♀. Malea, Cajabamba (8,000 feet), April.
♂. Vina, Huamachuco (5,500 feet), March.
— Tembladera (1,200 feet), December.

35. **Chrysomitris columbiana** (Lafr.).

Tacz., *Orn. Pér.*, iii., p. 51 ; Sharpe, *Cat. Birds B. M.*, xii., p. 208.
♂, ♀ juv. Vina, Huamachuco (5,500 feet), February, March.

36. **Chrysomitris capitalis** Cab.

Tacz., *Orn. Pér.*, iii., p. 49.
♂ ♀. Cajamarca (9,300 feet), December.
♂. Chusgon, Huamachuco (8,500 feet), February.
♀. Suecha, Huamachuco (9,000 feet), February.

These specimens have the rump rather greener than in birds from Ecuador, and they are a little larger, but the differences are trivial.

37. **Sycalis flaveola** (L.).

Tacz., *Orn. Pér.*, iii., p. 55; Sharpe, *Cat. Birds B. M.*, xii., p. 377.
♂. Tembladera (1,200 feet), December.

38. **Sycalis luteiventris** (Meyen.).

Tacz., *Orn. Pér.*, iii., p. 59; Sharpe, *Cat. Birds B. M.*, xii., p. 383.
♂. Huamachuco (10,400 feet), March.
♂. Cajabamba (9,000 feet), April.
♂ (?). Cajamarca (9,500 feet).

*39. **Zonotrichia pileata** (Bodd.).

Tacz., *Orn. Pér.*, iii., p. 45.
♂. Cajamarca (9,000, 9,250, and 10,000 feet), January, February.
♀. Cajabamba (9,000 feet), January.
♂ juv. Malea, Cajabamba (8,000 feet), April.
♂. Huamachuco (10,400 feet), February.

*40. **Poospiza alticola** sp. nov.

Supra schistacea unicolor, alis et cauda nigricantibus extrorsum schistaceo limbatis, capitis lateribus schistaceo-nigris, stria superciliari elongata utrinque alba ; subtus alba, pectoris lateribus ferrugineis, stria mystacali utrinque schistacea, hypochondriis rufescenti-fuscis, tectricibus subalaribus fulvo tinctis; rostro nigro, pedibus corylinis. Long. tota circa 6·0, alae 2·9, caudae 3·0, rostri a rictu 0·6, tarsi 0·9.

♀ mari similis.

♂ juv. subtus gula et pectore toto obscure fuscis stria rictali utrinque alba, abdomine fulvescente.

♂. ♂ juv., ♀. Huamachuco (10,100 feet), February, March.

This species is apparently allied to *P. hypochondriaca*, but differs in many important points, the flanks not being chestnut, and the tail uniform, without any white spot on the lateral feathers.

41. Poospiza rubecula sp. nov.

Supra schistacea dorso vix fuscescentiore, alis et cauda nigricantibus schistaceo limbatis, fronte usque ad medium verticis, superciliis et corpore fere toto subtus laete ferrugineis, loris, capitis lateribus et mento nigris, abdomine albicante, hypochondriis fuscis, tectricibus subcaudalibus ferrugineis, subalaribus albidis: rostro nigricante mandibula ad basin pallidiore, pedibus corylinis. Long. tota circa 6·0, alae 3·0, caudae 2·7, rostri a rictu 0·65, tarsi 0·9.

♀ juv. supra saturate fusca, uropygio schistaceo lavato, fronte et capitis lateribus fere dorso concoloribus: subtus albida schistaceo striata et plumis ferrugineis intermixta, abdomine fere albo.

♂. ♀ juv. Cajabamba (9,000 feet), January.

♂. Huamachuco (10,400 feet), February.

The adult *female* of this species probably resembles the *male*, the young bird described above being in the act of assuming ferruginous instead of striped plumage. In some points of coloration this species resembles *P. erythrophrys*, but the wings are plain and there are no spots on the tail, besides other differences.

*42. Haemophila laeta sp. nov.

H. pulchrae affinis sed minor, fronte et area oculorum tota nigris, capite summo et cervice postica schistaceis, gula nigra utrinque fulvo marginata, tectricibus alarum majoribus schistaceis, primo visu distinguenda; rostro et pedibus flavis. Long. tota circa 6·0, alae 2·65, caudae 2·4, rostri a rictu 0·6, tarsi 1·0.

♀ mari similis.

♂. Cajabamba (9,000 feet), January.

♂ ♀. Vina, Huamachuco (5,500 feet), February.

♂ ♀. Chusgon, Huamachuco (8,500 feet), February.

♂. Cajamarca (9,000 feet), March.

♂ ♀. Malca, Cajabamba (8,000 feet), April.

This beautiful Finch is clearly allied to *Haemophila pulchra* Sel. (*Ibis*, 1886, p. 258, Pl. viii.), which is found in the Andes above Lima. The general coloration is similar in the two birds, but there are many points of difference.

Mr. Baron's collection contains several specimens of this species, including a *female*, which proves that there is no material difference between the sexes as regards the coloration of the plumage.

*43. Haemophila personata sp. nov.

Fusca dorso medio et scapularibus castaneis, alis nigricantibus fusco limbatis, fronte, area oculorum, loris et mento nigris; subtus pallidior abdomine medio et subcaudalibus albicantibus, cauda nigricante rectricibus tribus utrinque in pogonio interno albo terminatis extimo quoque in pogonio externo pro majorem partem alba; rostro et pedibus flavis. Long. tota circa 7·0, alae 2·8, caudae 2·9, rostri a rictu 0·6, tarsi 1·05.

♀ mari similis.

♂ ♀. Near Cajamarca (10,000 feet), May.

Though differing structurally in some respects (the bill and legs being stouter), this species seems most nearly allied to *H. pulchra* and *H. lacta*. In coloration, too, there is some resemblance in the yellow bill and legs, the chestnut back and black face.

Mr. Baron obtained several specimens of this Finch in rather abraded plumage in the neighbourhood of Cajamarca.

44. **Pseudochloris sharpei** Berl. & Stolzm.

Ibis, 1894, p. 386.

♂. Cajamarca (11,000 feet), December.

45. **Pseudochloris lutea** (d'Orb. & Lafr.)?

Sharpe, *Cat. Birds B. M.*, xii., p. 775.

Sycalis lutea Tacz., *Orn. Pér.*, iii., p. 56.

♂. Chusgon, Huamachuco (8,500 feet), February.

♂ ♀. Vina, Huamachuco (5,500 feet), March.

Birds from this district are smaller than Bolivian examples, and have paler feet and paler mandible. The specimens are not in very fresh plumage, and their determination may be deferred for the present.

*46. **Phrygilus punensis** (?).

Phrygilus punensis Ridgw., *Pr. U. S. Nat. Mus.*, x., p. 434; Sharpe, *Cat. Birds B. M.*, xii., p. 785 (?).

♂. Cajabamba (9,000 feet), January.

♂ ♀. Huamachuco (10,400 feet), February.

♂. Near Cajamarca (10,000 feet), May.

"Iris brown."

These birds seem to be nearest *P. punensis* of Mr. Sharpe's Catalogue, but they do not altogether agree. This group of *Phrygilus* is still in some confusion as regards its species, the materials for determining them not being sufficient. I therefore defer for the present the definite determination of Mr. Baron's specimens.

*47. **Phrygilus fruticeti** (Kittl.).

Tacz., *Orn. Pér.*, iii., p. 37; Sharpe, *Cat. Birds B. M.*, xii., p. 790.

♂ ♀. Cajamarca and Cajabamba (9,000 feet), December, January.

♂. Huamachuco (10,400 feet), February.

48. **Phrygilus unicolor** (d'Orb. & Lafr.).

Sharpe, *Cat. Birds B. M.*, xii., p. 792.

Phrygilus rusticus Tacz., *Orn. Pér.*, iii., p. 38.

♂ juv. Cajamarca (11,000 feet), January.

49. **Phrygilus alaudinus** (Kittl.).

Tacz., *Orn. Pér.*, iii., p. 35; Sharpe, *Cat. Birds B. M.*, xii., p. 793.

♂ ♀. Malca, Cajabamba (8,000 feet), April.

50. Phrygilus plebeius Tsch.

Tacz., *Orn. Pér.*, iii., p. 39 ; Sharpe, *Cat. Birds B. M.*, xii., p. 795.
♂ ♀. Cajamarca (9,300 feet), December.
♂. Cajamarca (11,000 feet), January.
♀. Cajabamba (9,000 feet), January.
♂, ♂ juv. Huamachuco (10,400 feet), February, March.

51. Trupialis bellicosa (de Fil.).

Tacz., *Orn. Pér.*, ii., p. 429 ; Scl., *Cat. Birds B. M.*, xi., p. 357.
♂ ♀. Cajamarca (9,300 feet), January.
♀. Cajabamba (9,000 feet), January.
♂. Vina, Huamachuco (5,500 feet), March.

52. Icterus mesomelas (Wagl.).

Tacz., *Orn. Pér.*, ii., p. 417 ; Scl., *Cat. Birds B. M.*, xi., p. 378.
♂. Vina, Huamachuco (5,500 feet), March.

53. Xanthura yncas (Bodd.).

Sharpe, *Cat. Birds B. M.*, iii., p. 129.
Cyanocorax yncas Tacz., *Orn. Pér.*, ii., p. 396.
♂. Malea, Cajabamba (8,000 feet), April.

*54. Agriornis insolens Scl. & Salv.

Tacz., *Orn. Pér.*, ii., p. 186.
Young. Huamachuco (10,400 feet), March.
♀. Cajabamba (10,000 feet), April.
♂ ♀. Near Cajamarca (10,000 feet), May.
"Eyes buff."

55. Myiotheretes striaticollis Scl.

Tacz., *Orn. Pér.*, ii., p. 187.
♀. Cajabamba (9,000 feet), January.
♀. Suecha, Huamachuco (9,000 feet), February.

56. Ochthoeca polionota Scl. & Salv.

Tacz., *Orn. Pér.*, ii., p. 193.
♂. Huamachuco (10,400 feet), February, March.

*57. Ochthoeca leucometopa Scl. & Salv.

Tacz., *Orn. Pér.*, ii., p. 193.
♂, ♂ juv., ♀. Huamachuco (10,400 feet), January, February, March.
♂ ♀. Cajabamba (9,000 and 9,500 feet), January, April.
♂ ♀. Near Cajamarca (9,250 and 10,000 feet), May.

58. Ochthoeca pulchella Scl. & Salv.

Ochthoeca jelskii Tacz., *Orn. Pér.*, ii., p. 198.
♂. Cajabamba (9,000 feet), January, March.

59. **Sayornis cineracea** (Lafr.).

Tacz., *Orn. Pér.*, ii., p. 204.
♂. Cajabamba (9,000 feet), January.
♂. Vina, Huamachuco (5,500 feet), February.

*60. **Cnipolegus aterrimus** (d'Orb. & Lafr.).

Scl., *Cat. Birds B. M.*, xiv., p. 44.
Cnipolegus anthracinus Tacz., *Orn. Pér.*, ii., p. 208.
♂ juv., ♀. Cajabamba (9,000 feet), January.
— Chusgon, Huamachuco (8,500 feet), February.
♂. Malea, Cajabamba (8,000 feet), April.

*61. **Muscisaxicola grisea** Tacz.

Orn. Pér., ii., p. 213.
♂. Cajamarca (11,000 feet), December.
♂. Huamachuco (10,400 feet), February.

*62. **Muscisaxicola juninensis** Tacz.

Orn. Pér., ii., p. 214.
♂ ♀. Huamachuco (10,400 feet), February, March.
♂. Near Cajamarca (10,000 and 11,000 feet), May, December.

63. **Muscisaxicola rufipennis** Tacz.

Orn. Pér., ii., p. 221.
♂ juv., ♀. Huamachuco (10,400 feet), March.

64. **Hapalocercus fulviceps** (Sw.).

Tacz., *Orn. Pér.*, ii., p. 235.
♂ ♀. Vina, Huamachuco (5,500 feet), February, March.
♂. Malea, Cajabamba (8,000 feet), April.

65. **Hapalocercus acutipennis** Scl. & Salv.

Tacz., *Orn. Pér.*, ii., p. 236.
♂. Succha, Huamachuco (9,000 feet), February.

66. **Serphophaga cinerea** (Strickl.).

Tacz., *Orn. Pér.*, ii., p. 236.
♂ ♀. Cajamarca (9,300 feet), December.

*67. **Anaeretes nigrocristatus** Tacz.

Orn. Pér., ii., p. 555.
♂. Cajabamba (9,000, 9,500, 10,000 feet), January, March, April.
♀. Succha, Huamachuco (9,000 feet), February.
♂, ♀ juv. Huamachuco (10,400 feet), February.
♂. Chusgon, Huamachuco (8,500 feet), February.

68. **Ornithion sclateri** Berl. & Tacz.

Tacz., *Orn. Pér.*, ii., p. 254.
♂ ♀. Chusgon, Huamachuco (8,500 feet), February.
♂ ♀. Malca, Cajabamba (8,000 feet), April.
♂ ♀. Vina, Huamachuco (5,500 feet), February, March.

*69. **Elainea albiceps** (d'Orb. & Lafr.).

Tacz., *Orn. Pér.*, ii., p. 263.
♀. Cajabamba (9,000 feet), January.
♂. Chusgon, Huamachuco (8,500 feet), February.
♂, ♂ juv. Malca, Cajabamba (8,000 feet) April.

70. **Myiobius crypterythrus** Sel.

Tacz., *Orn. Pér.*, ii., p. 304.
♂ ♀. Vina, Huamachuco (5,500 feet), February, March.
♀. Malca, Cajabamba (8,000 feet), April.

*71. **Pyrocephalus rubineus** (Bodd.).

Tacz., *Orn. Pér.*, ii., p. 307.
♂ ♀. Malca, Cajabamba (8,000 and 9,000 feet), April.
♀ juv. Vina, Huamachuco (5,500 feet), March.
♂ juv. Cajamarca (9,300 feet), December.
♀. Succha, Huamachuco (9,000 feet), February.

The adult *male* has no white border to the outer rectrix, a character of *P. rubineus heterurus* Berl. & Stolzm.

*72. **Contopus punensis** Lawr.

Tacz., *Orn. Pér.*, ii., p. 319.
♂. Cajabamba (9,000 feet), January.
♀. Vina, Huamachuco (5,500 feet), February.
♂ ♀. Succha, Huamachuco (9,000 feet), February.
♂ ♀. Chusgon, Huamachuco (8,500 feet), February.

Mr. Sclater (*Cat. Birds B. M.*, xiv., p. 240) unites this species with *C. brachytarsus*, but places specimens from Puna I. under *C. virens*. Mr. Baron's birds are in rather abraded plumage, but I think indicate that *C. punensis* is distinct from either *C. virens* or *C. brachytarsus*.

*73. **Myiarchus nigriceps** Scl.

Tacz., *Orn. Pér.*, ii., p. 324.
♂ ♀. Cajabamba (9,000 feet), January.
♂ ♀. Malca, Cajabamba (8,000 feet), April.

*74. **Tyrannus melancholicus** Vieill.

Tacz., *Orn. Pér.*, ii., p. 327.
♂. Malca, Cajabamba (8,000 feet), April.
♂ ♀. Vina, Huamachuco (5,500 feet), March.

*75. **Pachyrhamphus similis** sp. nov.

Pachyrhamphus albogriseus Tacz., *Orn. Pér.*, ii., p. 361.

P. albogrisco affinis et mas vix distinguendus, tectricibus alarum mediis tantum albo angustiore terminatis ; femina vero capite summo omnino castaneo, nigro circumcincto dignoscenda.

Hab. N. Peru, Ecuador, Merida in Venezuela.

♂ ♀. Chusgon, Huamachuco (8,500 feet), February.

♂. Vina, Huamachuco (5,500 feet), March.

♀. Suecha, Huamachuco (9,000 feet), February.

♀. Malca, Cajabamba (8,000 feet), April.

"Iris blackish."

These specimens belong to a species distinct from the true *P. albogriseus* of Colombia and Central America, and the *females* may readily be distinguished by their chestnut crown, which again is bordered by a black line running over the superciliary streak and round to the nape. The Peruvian birds have a smaller bill than those from Ecuador and Venezuela, but do not otherwise differ.

*76. **Heliochera rubrocristata** (d'Orb. & Lafr.).

Tacz., *Orn. Pér.*, ii., p. 381.

♂, ♂ juv. Cajabamba (9,000 feet), January.

"Eyes red."

*77. **Geositta tenuirostris** (d'Orb. & Lafr.).

Tacz., *Orn. Pér.*, ii., p. 96 ; Scl., *Cat. Birds B. M.*, xv., p. 9.

♂ ♀. Cajamarca (11,000 feet), December.

These birds are rather smaller than others from Southern Peru, and have the wing-coverts less conspicuously edged with cinnamon, but they are not in fresh plumage.

*78. **Upucerthia serrana** Tacz.

Orn. Pér., ii., p. 107.

Upucerthia andecola Scl. (*nec* d'Orb. & Lafr.), *Cat. Birds B. M.*, xv., p. 19.

♂ ♀ Cajamarca (11,000 feet), January.

♀. Near Cajamarca (10,000 feet), May.

♂. Huamachuco (10,400 feet), February, March.

♂ ♀. Cajabamba (9,000 feet), January.

Count Berlepsch considers these birds to be closely allied to *U. serrana* Tacz., *U. andecola* being distinct. Compared with the specimens referred by Mr. Sclater to *U. andecola*, the bill is shorter and stouter, the head and neck greyer, the lower back not so rufous, and the throat whiter. But these differences are very slight.

79. **Cinclodes fuscus** (Vieill.).

♂. Cajamarca (11,000 feet), December.

♂. Cajamarca (9,800 feet), December.

♂. Near Cajamarca (10,000 feet), May.

♂. Cajabamba (9,000 feet), January.

*80. **Leptasthenura pileata** Sel.

Taez., *Orn. Pér.*, ii., p. 119.

♂. Cajamarca (9,000 and 10,000 feet), December, May.

♀. Cajabamba (9,500 feet), March.

♂ ♀. Huamachuco (10,400 feet), February.

*81. **Siptornis baroni** sp. nov.

Supra murino-fuscus, uropygio vix fulvescentiore, capite summo, alis et cauda cinnamomeis, stria superciliari et gutture pure albis, loris et auricularibus albis nigro variegatis: corpore reliquo subtus griseo-albido, pectore et abdomine superiore albido striatis, hypochondriis et tectricibus subcaudalibus fuscis; rostro corylino mandibulae basi pallida, pedibus plumbeis. Long. tota circa 7·0, alae 3·2, caudae 3·25, rostri a rictu 0·8, tarsi 0·95.

♀ mari similis.

♂. Huamachuco (10,400 feet), February.

♀. Cajabamba (9,000 feet), January.

"Eyes grey."

This distinct species belongs to Mr. Sclater's Section I of the genus *Siptornis*, in which the crown, wings, and tail are rufous. The nearest known species seems to be *S. antisiensis*, but *S. baroni* is not only larger but has a greyer back, white throat, greyer abdomen, and other characters.

*82. **Siptornis hypochondriacus** sp. nov.

Supra murinus, capite antico saturatiore, superciliis elongatis et corpore subtus albis, loris et tectricibus auricularibus albo nigroque variegatis, hypochondriis nigro striatis, alis nigricantibus extrorsum murino limbatis tectricibus minoribus cinnamomeis, cauda rufescenti-murina; rostro nigricante, pedibus plumbeis. Long. tota circa 7·0, alae 2·5, caudae 3·55, rostri a rictu 0·85, tarsi 0·83.

♂ ♀. Malca, Cajabamba (8,000 and 9,000 feet), April.

A large species with no near allies, so much so that it does not fall conveniently into any of Mr. Sclater's seven sections of the genus. The striated flanks are a conspicuous feature in its coloration.

*83. **Siptornis marayniocensis.**

Berl. & Stolzm., MS.

♂. Cajabamba (9,000 feet), January.

♂. Cajamarca (11,000 feet), January.

♂. Huamachuco (10,400 feet), February.

A species belonging to Mr. Sclater's sixth section and allied to *S. wyatti*.

*84. **Phacelodomus dorsalis** sp. nov.

Supra murinus, dorso medio, alis extus et cauda castaneis; subtus sordide albidus pectore et hypochondriis cinnamomeo lavatis; rostro et pedibus plumbeis. Long. tota circa 8·5, alae 2·8, caudae 3·8, rostri a rictu 1·05, tarsi 0·9.

♂ ♀. Malca, Cajabamba (8,000 feet), April.

Allied to *P. striaticollis*, but larger and without chestnut on the head, the chestnut on the middle of the back contrasting with the colour of the head, neck, and rump.

*85. **Grallaria andecola** (Cab.).

Tacz., *Orn. Pér.*, ii., p. 85.

♂, ♂ juv. Huamachuco (10,400 feet), March.

♂, ♀ juv. Cajamarca (10,000 and 11,000 feet), January, May.

*86. **Scytalopus unicolor** sp. nov.

Schistaceus fere unicolor subtus paulo dilutior, alis et cauda nigricantibus ; rostro nigricante, pedibus corylinis. Long. tota circa 4·7, alae 2·35, caudae 1·6, rostri a rictu 0·6, tarsi 0·85.

♀ mari similis sed omnino dilutior, hypochondriis distalibus leviter fulvo transfasciatis.

♂ ♀. Cajabamba (9,000 feet), January.

♀. Huamachuco (10,400 feet), February.

Count Berlepsch considers this bird to be the same as that described by Taczanowski (*Orn. Pér.*, i., p. 532) from the Montaña de Nancho (Coll. Raymondi), and which he wrongly attributed to *S. acutirostris*, and that it thus requires a name.

It is allied to *S. magellanicus*, but is of a much paler slate-grey colour.

87. **Petasophora iolata** Gould.

Salv., *Cat. Birds B. M.*, xvi., p. 107.

Petasophora anais Tacz., *Orn. Pér.*, i., p. 367.

♂ ♀. Cajabamba (9,000 feet), January.

♂ ♀. Huamachuco (10,400 feet), February, March.

♀. Suecha, Huamachuco (9,000 feet), February.

*88. **Diphlogaena hesperus** Gould (?).

Salv., *Cat. Birds B. M.*, xvi., p. 122.

♂, ♂ juv. Suecha, Huamachuco (9,000 feet), February.

♀. Cajabamba (9,000 feet), January.

None of these birds are fully adult, but the oldest of the *males* agrees best with immature *males* of *D. hesperus*. The front of the crown is not quite so fiery red, the whole nape is glittering coppery red and not black as in the adult, and there is no lustrous lilac spot on the throat.

D. hesperus has not hitherto been recorded from Peru, so that it is necessary that adult *males* from that country should be examined before deciding the position of Mr. Baron's birds.

*89. **Cyanolesbia griseiventris** (Tacz.).

(Plate II., fig. 1.)

Cynanthus griseiventris Tacz., *Orn. Pér.*, i., p. 334.

♀ supra mari similis, cauda multo breviore, capite summo dorso concolori, subtus sordide albida cervino vix tincta, gulae plumis singulis macula discali viridi notatis.

♂ juv. subtus grisens, abdomine medio albicante, capite summo dorso concolori.

♂, ♀, ♂ juv. Cajabamba (9,000 feet), January.

♂ ♀. Cajamarca (9,500 feet), December.

♂ juv. Near Cajamarca (10,000 feet), May.

Mr. Baron has sent several specimens of this fine species, which was previously only known to us from Taczanowski's description of the *male* in the Raymondi Collection.

*90. **Sappho caroli** (Bourc.).

Sappho caroli Tacz., *Orn. Pér.*, i., p. 337 ; Salv., *Cat. Birds B. M.*, xvi., p. 144.

♂ ♀. Cajabamba (9,000 feet), January.

91. **Lesbia victoriae (affinis).**

♂, ♂ juv. Cajabamba (9,000 and 10,000 feet), January, April.

♀. Near Cajamarca (10,000 feet), May.

Count Berlepsch has examined Mr. Baron's specimens and considers them allied to but distinct from *L. victoriae*. As he will write on these and other birds of the genus, we leave their description to him.

*92. **Lesbia gouldi (affinis).**

♂, ♀, ♂ juv. Cajabamba (9,000 feet), February, March.

♂. Suecha, Huamachuco (9,000 feet), February.

Mr. Baron sends a number of specimens of this *Lesbia*, which, though allied to *L. gouldi*, appears to be distinct. Count Berlepsch will describe them fully with the preceding species.

*93. **Metallura opaca** (Tsch.).

Tacz., *Orn. Pér.*, i., p. 353 ; Salv., *Cat. Birds B. M.*, xvi., p. 150.

♂ ♀. Huamachuco (10,400 feet), February, March.

Many specimens. The *female* closely resembles the *male*, but the general colour of the body is not so dark, the gular spot more restricted and not extending to the chin ; the feathers surrounding this spot have a trace of dark purple on their discs.

*94. **Metallura smaragdinicollis** (d'Orb. & Lafr.).

Tacz., *Orn. Pér.*, i., p. 356 ; Salv., *Cat. Birds B. M.*, xvi., p. 154.

♂, ♂ juv., ♀. Cajabamba (9,000 feet), January, February, April.

Many specimens.

95. **Adelomyia melanogenys** (Fraser).

Salv., *Cat. Birds B. M.*, xvi., p. 169.

Adelomyia chlorospila (?) Tacz., *Orn. Pér.*, i., p. 360.

♂. San Pablo (7,500 feet), December.

*96. **Agyrtria taczanowskii** (Sel.).

Salv., *Cat. Birds B. M.*, xvi., p. 193.

Thaumasius taczanowskii Tacz., *Orn. Pér.*, i., p. 405.

♂ ♀. Malca, Cajabamba (8,000 feet), April.

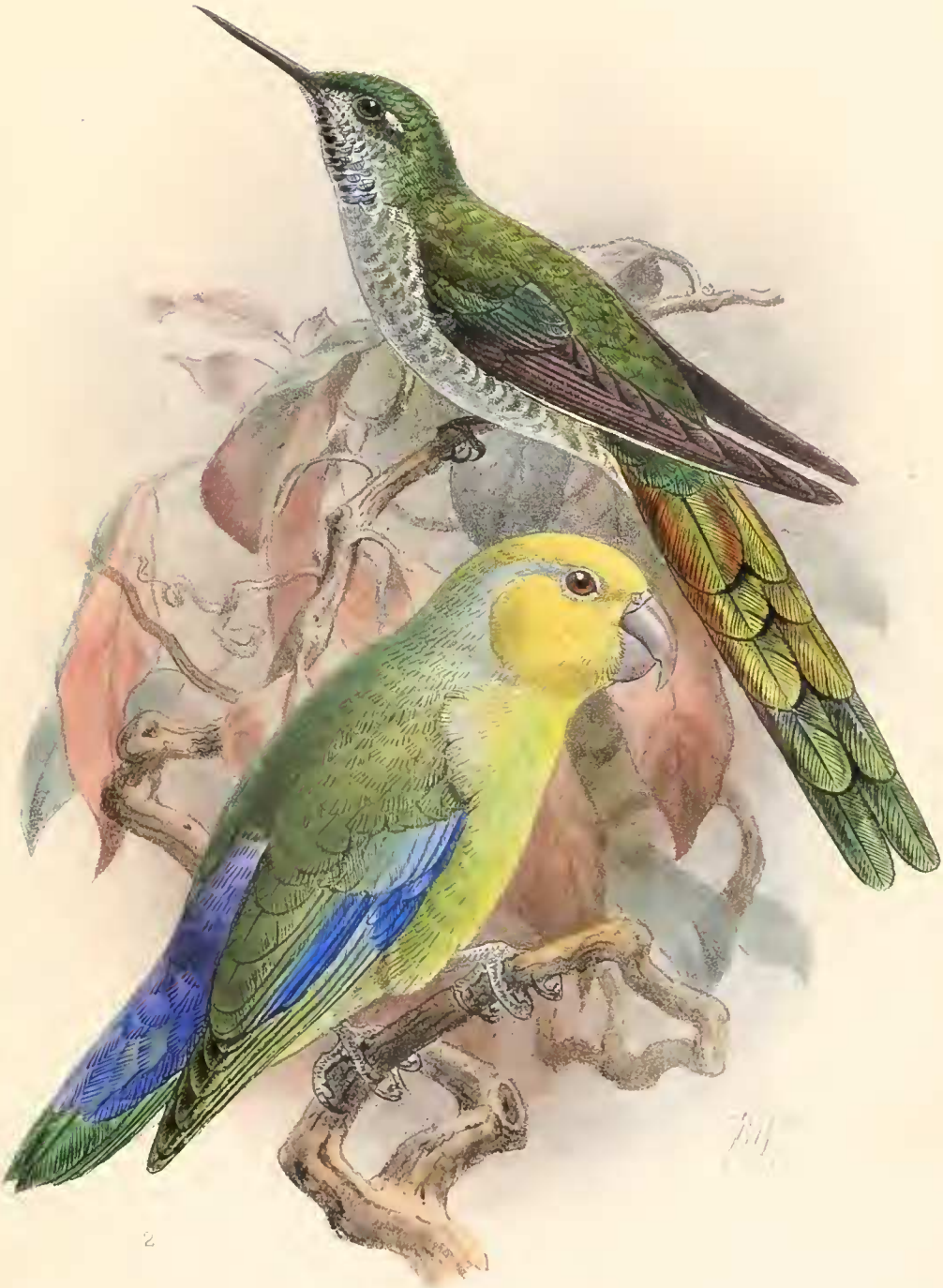
♂ ♀. Cajabamba (9,000 feet), April.

♂ ♀. Vina, Huamachuco (5,500 feet), March.

♂ ♀. Suecha and Chusgon, Huamachuco (9,000 feet), February.

♂ ♀. Cajamarca (9,250 feet), December.

Many specimens.



97. **Lafresnaya gayi** (Bourc. & Muls.).

Tacz., *Orn. Pér.*, i., p. 283; Salv., *Cat. Birds B. M.*, xvi., p. 327.
♂. San Pablo (7,500 feet), December.

*98. **Oreotrochilus stolzmanni** sp. nov.

Oreotrochilus leucopleurus Tacz. (*nec* Gould), *Orn. Pér.*, i., p. 278.

O. leucopleurae similis sed supra omnino grammineo-viridis cauda caerulescentiore; subtus abdomine medio multo angustiore purpureo-nigro, caudae rectrice utrinque extima latiore rectiore ad apicem tantum in pogonio interno decrescente.

♀ dorsi colore viridi a femina *O. leucopleurae* distinguenda.

♂. Huamachuco (10,400 feet), March.

♂ ♀. Near Cajamarca (10,000 and 12,000 feet), May.

This *Oreotrochilus* is evidently of the same species as that found by M. Stolzmann between Chota and San Gregorio at an altitude of 12,000 feet in Northern Peru, and referred by Taczanowski to *Oreotrochilus leucopleurus* Gould.

On comparison with a series of the latter species from Chili, important differences present themselves, and I have no hesitation in describing the Peruvian bird under the name of the active traveller and ornithologist who secured the first specimens.

*99. **Cyanomyia cyaneicollis** (Gould).

Salv., *Cat. Birds B. M.*, xvi., p. 199.
Uranomitra cyanicollis Tacz., *Orn. Pér.*, i., p. 397.
♂. San Marcos (7,500 feet), February.
♂ ♀. Vina, Huamachuco (5,500 feet), March.
♂ ♀. Suecha, Huamachuco (9,000 feet), March.
♀. Malca, Cajabamba (8,000 feet), April.

100. **Amazilia leucophaea** Reich.

Tacz., *Orn. Pér.*, i., p. 407; Salv., *Cat. Birds B. M.*, xvi., p. 205.
♂ ♀. Tembladera (1,200 feet), December.

*101. **Patagona gigas** (Vieill.).

Tacz., *Orn. Pér.*, i., p. 373; Salv., *Cat. Birds B. M.*, xvi., p. 318.
♂ ♀. Cajamarca (9,500 feet), December.
♂ ♀. Cajabamba (9,000 feet), January.
♂ ♀. Suecha, Huamachuco (9,000 feet), February.
♂ ♀. Huamachuco (10,400 feet), February.

*102. **Aglaeactis cupreipennis** (Bourc. & Muls.).

Tacz., *Orn. Pér.*, i., p. 340; Salv., *Cat. Birds B. M.*, xvi., p. 350.
♂, ♂ juv., ♀, ♀ juv. Cajabamba (10,000 feet), March, April.
Many specimens.

*103. **Rhodopis atacamensis** (Leybold).

Salv., *Cat. Birds B. M.*, xvi., p. 389.

♂. ♂ juv., ♀. Tembladera (1,200 feet), December.

The *male* specimens agree fairly with Leybold's type, which passed into Gould's possession and thence to the British Museum. Unfortunately it is in very bad condition, so that our comparison is not wholly satisfactory in view of the widely separated localities whence the type and Mr. Baron's specimen came. At Lima the true *R. vesper* is found, which further complicates the question.

104. **Myrmia micrura** (Gould).

Myrmia micrura Tacz., *Orn. Pér.*, i., p. 308.

Acestrura micrura Salv., *Cat. Birds B. M.*, xvi., p. 409.

♂. ♂ juv., ♀. Tembladera (1,200 feet), May.

Mr. Baron has sent us carefully prepared specimens of the tail of both *male* and *female* of this species. The former shows that the central pair of rectrices are not abnormally short, as in the genus *Myrtis*, nor are the outer pair filiform, as in *Acestrura*. Thus Mulsant's genus *Myrmia* had better be retained for *M. micrura*, its only species. The central pair of rectrices of the *male* are nearly as long as the rest, but are drawn to a fine point at the end, and are white, the others being purple-black. The same feathers in the *female* are also drawn to a much less taper point, the end being black, whereas the other feathers are tipped with white.

105. **Acestrura mulsanti** (Bonrc.).

Tacz., *Orn. Pér.*, i., p. 306.

♀. Suecha, Huamachuco (9,000 feet), March.

106. **Chaetocercus bombus** Gould.

Tacz., *Orn. Pér.*, i., p. 309.

♀. Suecha, Huamachuco (9,000 feet), March.

*107. **Myrtis fanny** (Less.).

Tacz., *Orn. Pér.*, i., p. 312; Salv., *Cat. Birds B. M.*, xvi., p. 417.

♂ juv., ♀. Cajamarca (10,000 feet), January.

♂ ♀. Cajabamba (9,000 feet), January.

♂ ♀. Malca, Cajabamba (8,000 feet), April.

♂. Suecha, Huamachuco (9,000 feet), February.

♂. Chusgon, Huamachuco (8,500 feet), February.

108. **Stenopsis longirostris** (Bp.).

Hartert, *Cat. Birds B. M.*, xvi., p. 585.

♂ ♀. Cajabamba (9,000 and 10,000 feet), April.

juv. Cajamarca (9,700 feet), December.

*109. **Colaptes cinereicapillus** Reich.

Hargitt, *Cat. Birds B. M.*, xviii., p. 27.

Colaptes stolzmanni Tacz., *Orn. Pér.*, iii., p. 92.

♂ ♀. Without locality.

♂ ♀. Cajabamba (9,000 feet), January.

*110. **Chrysoptilus peruvianus** Reich. (?).

Chrysoptilus atricollis Tacz., *Orn. Pér.*, iii., p. 86 (partim ?).
Hargitt, *Cat. Birds B. M.*, xviii., p. 118.
♂. Vina, Huamachuco (5,500 feet), March.
♀. Cajabamba (9,000 feet), January.

111. **Dendrobates fumigatus** (d'Orb.).

Chloronerpes fumigatus Tacz., *Orn. Pér.*, iii., p. 79.
Dendrobates fumigatus Hargitt, *Cat. Birds B. M.*, xviii., p. 342.
♂ ♀. Malea, Cajabamba (8,000 feet), April.

*112. **Ceryle cabanisi** (Tsch.).

Tacz., *Orn. Pér.*, iii., p. 104 ; Sharpe, *Cat. Birds B. M.*, xvii., p. 134.
♂. Malea, Cajabamba (8,000 feet), April.

113. **Coccyzus melanocoryphus** Vieill.

Tacz., *Orn. Pér.*, iii., p. 189 ; Shelley, *Cat. Birds B. M.*, xix., p. 307.
♂ ♀. Vina, Huamachuco (5,500 feet), March.

114. **Coccyzus erythrophthalmus** (Wils.).

Tacz., *Orn. Pér.*, iii., p. 189 ; Shelley, *Cat. Birds B. M.*, xix., p. 311.
— Vina, Huamachuco (5,500 feet), March.

115. **Piaya cayana** (Linn.).

Shelley, *Cat. Birds B. M.*, xix., p. 373.
Piaya cayana nigricrissa Tacz., *Orn. Pér.*, iii., p. 186.
— Vina, Huamachuco (5,500 feet), March.

116. **Diplopterus naevius** (Linn.).

Tacz., *Orn. Pér.*, iii., p. 184 ; Shelley, *Cat. Birds B. M.*, xix., p. 423.
♂. Malea, Cajabamba (8,000 feet), April.
♂ juv. Vina, Huamachuco (5,500 feet), February.

*117. **Crotophaga sulcirostris** (Sw.).

Tacz., *Orn. Pér.*, iii., p. 181; Shelley, *Cat. Birds B. M.*, xix., p. 432.
♂ ♀. Cajabamba (9,000 feet), January.

118. **Bolborhynchus andecola** (Finsch.).

Tacz., *Orn. Pér.*, iii., p. 211; Salvad., *Cat. Birds B. M.*, xx., p. 238.
♂ ♀. Chusgon, Huamachuco (8,500 feet), February.

*119. **Psittacula xanthops** sp. nov.

(Plate II., fig. 2.)

Capite summo antico, genis et gutture flavis, nucha, cervice postica, interscapulio, scapularibus et tectricibus alarum minoribus sordide viridibus, dorso imo et tectricibus supracaudalibus splendide cobaltino-cyaneis ; corpore subtus viridi-flavo, pectoris lateribus, hypochondriis et tectricibus subcaudalibus viridescentioribus, alis

fuscis extrorsum viridi limbatis, tectricibus alarum majoribus et mediis cyaneis, his pallidioribus, subalaribus dorso imo concoloribus, cauda viridi; rostri maxilla fusca apice et mandibula pallidis, pedibus carneis. Long. tota circa 5·4, alae 3·5, caudae 1·65.

♀ mari similis, alis colore caeruleo haud ornatis, dorso imo quoque multo pallidiore.

♂ ♀. Vina, Huamachuco (5,500 feet), March 1894.

Mr. Baron sends several specimens of this pretty *Psittacula*, which seems quite distinct from all the species hitherto described. Its nearest ally is *P. caelestis*, but it is much larger and has a larger bill. The head and cheeks are much yellower, and there is hardly any blue behind the eye and back of the neck.

120. **Asio clamator** (Vieill.).

Otus mexicanus Tacz., *Orn. Pér.*, i., p. 192.
Asio clamator Berl. & Stolzm., *P. Z. S.*, 1892, p. 387.
♂ ♀. Vina, Huamachuco (5,500 feet). February, March.

*121. **Glaucidium phalaenoides** (Daud.).

Glaucidium ferox (Vieill.) Tacz., *Orn. Pér.*, i., p. 178.
♀. Chusgon, Huamachuco (8,500 feet), February.
♀. Vina, Huamachuco (5,500 feet), March.
♂. Malca, Cajabamba (8,000 feet), April.

122. **Speotyto cunicularia** (Mol.).

Pholeoptynx cunicularia Tacz., *Orn. Pér.*, i., p. 174.
♂. Malca, Cajabamba (8,000 feet), April.

123. **Tinnunculus cinnamominus** (Sw.).

Cerchneis cinnamomina (Sw.) Tacz., *Orn. Pér.*, i., p. 154.
♂. Vina, Huamachuco (5,500 feet), March.
♀. Malca, Cajabamba (8,000 feet), April.

124. **Querquedula puna** (Tsch.).

Tacz., *Orn. Pér.*, iii., p. 478.
— Near Cajamarca (10,000 feet), May.

*125. **Columba albilinea** Gray.

Salvad., *Cat. Birds B. M.*, xxi., p. 294.
Columba albilineata Tacz., *Orn. Pér.*, iii., p. 232.
♂. Cajabamba (9,000 feet), January.

*126. **Columba oenops** sp. nov.

Vinaceo-castanea, interscapulio et alarum tectricibus saturatioribus, gula albicante, dorso imo, tectricibus supra et subcaudalibus, abdomine, hypochondriis et subalaribus plumbeis, tectricibus alarum majoribus quoque plumbeis albo extrorsum anguste limbatis, remigibus nigricante plumbeis extrorsum tenuissime albido marginatis, cauda nigricante plumbea: rostro plumbeo ad basin coccineo oculorum ambitu et pedibus quoque coccineis, iride "ave vivo" aurantiaca. Long. tota circa 13·0, alae 8·0, caudae 5·4, rostri a rictu 1·05, tarsi 1·05.

♀ mari similis.

♂ ♀. Vina, Huamachuco (5,500 feet), February, March.

♀. Malca, Cajabamba (8,000 feet), April.

This fine Pigeon is allied to *C. inornata* and *C. flavirostris*, but may at once be distinguished from both by the deep vinous chestnut of the back and the greater part of the wing-coverts.

*127. Zenaida auriculata (Des Murs).

Salvad., *Cat. Birds B. M.*, xxi., p. 384.

Zenaida maculata Tacz., *Orn. Pér.*, iii., p. 237.

♂ ♀. Vina, Huamachuco (5,500 feet), February, March.

♂. Chusgon, Huamachuco (8,500 feet), February.

*128. Gymnopelia erythrothorax (Meyen.).

Tacz., *Orn. Pér.*, iii., p. 249; Salvad., *Cat. Birds B. M.*, xxi., p. 468.

♂. Cajabamba (9,000 and 9,500 feet), March, April.

♀. Huamachuco (10,400 feet), March.

♂. Near Cajamarca (9,500 feet), May.

*129. Chamaepelia cruziana (d'Orb.).

Tacz., *Orn. Pér.*, iii., p. 248; Salvad., *Cat. Birds B. M.*, xxi., p. 483.

♂ ♀. Vina, Huamachuco (5,500 feet), March.

"Eyes yellow."

130. Metriopelia melanoptera (Mol.).

Tacz., *Orn. Pér.*, iii., p. 239; Salvad., *Cat. Birds B. M.*, xxi., p. 497.

♂. Near Cajamarca (11,000 feet), May.

*131. Leptoptila decolor sp. nov.

Supra griseo-fusca, occipite, nucha et cervice postica paulo pallidioribus colore iridescente rosaceo vix ullo, fronte, gula, abdomine et tectricibus subcaudalibus albis, pectore pallide vinaceo lavato; alis extus dorso concoloribus, subalaribus et primariis intus castaneis; cauda nigra rectricibus mediis dorso concoloribus lateralibus maculis extrorsum increscentibus albis terminatis; rostro nigro, oculorum ambitu et pedibus rubris. Long. tota circa 10·0, alae 5·5, caudae 4·7, rostri a rictu 1·0, tarsi 4·3.

♀ mari similis.

♂. Cajabamba (9,000 feet), January.

— Vina, Huamachuco (5,500 feet), February.

♂ ♀. Chusgon, Huamachuco (8,500 feet), February.

"Iris orange."

This *Leptoptila* is most nearly allied to *L. megalura*, but is much paler on the back and wings and less rufescent, the breast paler, and the abdomen whiter.

132. Vanellus resplendens (Tsch.).

Tacz., *Orn. Pér.*, iii., p. 336.

♂ ♀. Near Cajamarca (10,000 feet), May.

133. **Totanus flavipes** (Gm.).

Tacz., *Orn. Pér.*, iii., p. 367.
♂. Malca, Cajabamba (8,000 feet), April.

134. **Totanus solitarius** (Wils.).

Tacz., *Orn. Pér.*, iii., p. 368.
♂. Malca, Cajabamba (8,000 feet), April.

135. **Gallinago andina** Tacz.

Orn. Pér., iii., p. 375.
♂. Near Cajamarca (10,000 feet), May.

136. **Rallus rytirhynchus** Vieill.

Limnopardalus rytirhynchus Sharpe, *Cat. Birds B. M.*, xxiii., p. 29.
Rallus caesius Tacz. (*nec* Spix.), *Orn. Pér.*, iii, p. 316.
♂. Malca, Cajabamba (8,000 feet), April.
♂. Suecha, Huamachuco (9,000 feet), February.

137. **Nothoprocta curvirostris** Scl. & Salv.

Nothoprocta curvirostris peruviana Tacz., *Orn. Pér.*, iii., p. 307 (?).
♀. Near Cajamarca (10,000 feet), May.
A single specimen agrees best with the types of this species from Ecuador.

ON *SALVADORINA WAIGIUENSIS* ROTHSCH. & HARTERT.

BY THE HON. WALTER ROTHSCHILD.

(Plate III.)

ON the third plate of this volume we give a very well executed figure of this singular new duck, which was described in Vol. I., p. 683.

Count Salvadori informed me that it was actually nearest allied to the American genus *Merganetta*, which we referred to in the original description, and that it really had no ally in the old world.

The same author tells us that the *Nyroca* from Waigiu and Arfak mentioned by us on p. 684 as *Nyroca baeri* (*fide* Salvadori) is really *N. australis*.